

In The Drawings

A replacement drawings for Figs. 3, 4 and 5 (3 sheets) are attached to replace the originally filed Figs. 3-5. To make the Figures larger they have been spread out over an extra page.

These figures have been formalized, but no substantive changes have been made to the drawings.

REMARKS

Claims 1, 3-9, 11, 24, 28, 32 and 34-40 are pending. By the forgoing amendment, claims 3, 6, 9, 32, 40 and 41 have been amended. Claims 42-48 have been added. Support for the added claims can be found at page 11, lines 20-21 (claim 42); page 9, line 9 through page 10, line 24 (claims 43-48); and elsewhere in the specification. Replacement figures have been submitted as requested.

Rejections Under 35 U.S.C. §112, Second Paragraph

As suggested by the Examiner, claim 3 has been amended to recite "is attached to." The claim is not prolix because it specifies that the system includes a tethered catalyst, not merely a tethered chiral auxiliary.

A "porous insert" is discussed on page 11 of the specification. It can be inserted into (or removed from) a microchannel in a single piece.

Claim 6 has been amended as suggested.

Claim 9 has been amended as suggested. Claim 7 need not be amended because it refers to "a" solid support; this claim can be clearly understood and would not be clarified by adding an indefinite article before each element of the Markush group.

The surface oxygen in claim 8 does not lack antecedent basis.